

CERTIFICATE OF ANALYSIS

Product Name: Type 90 Hop Pellets

Lot Number: P91-CBUWIL3242

Variety: Willamette

Crop Year: 2018

Characteristic Typical Analysis **Actual Analysis**

Alpha Acids: 2.5 - 17.5% (w/w) 4.2%

LCV by EBC Analytica V 7.5

Oil by Distillation: Varies by Variety 1.1%

ASBC Hops - 13 (%v/w)

Oil Profile by GC, EBC Analytica V 7.12:

B-Pinene: 0.4 % Farnesene: 7.2%

Myrcene: 27.3 % Humulene: 31.7% Linalool: 0.5 % Geraniol: 0.2%